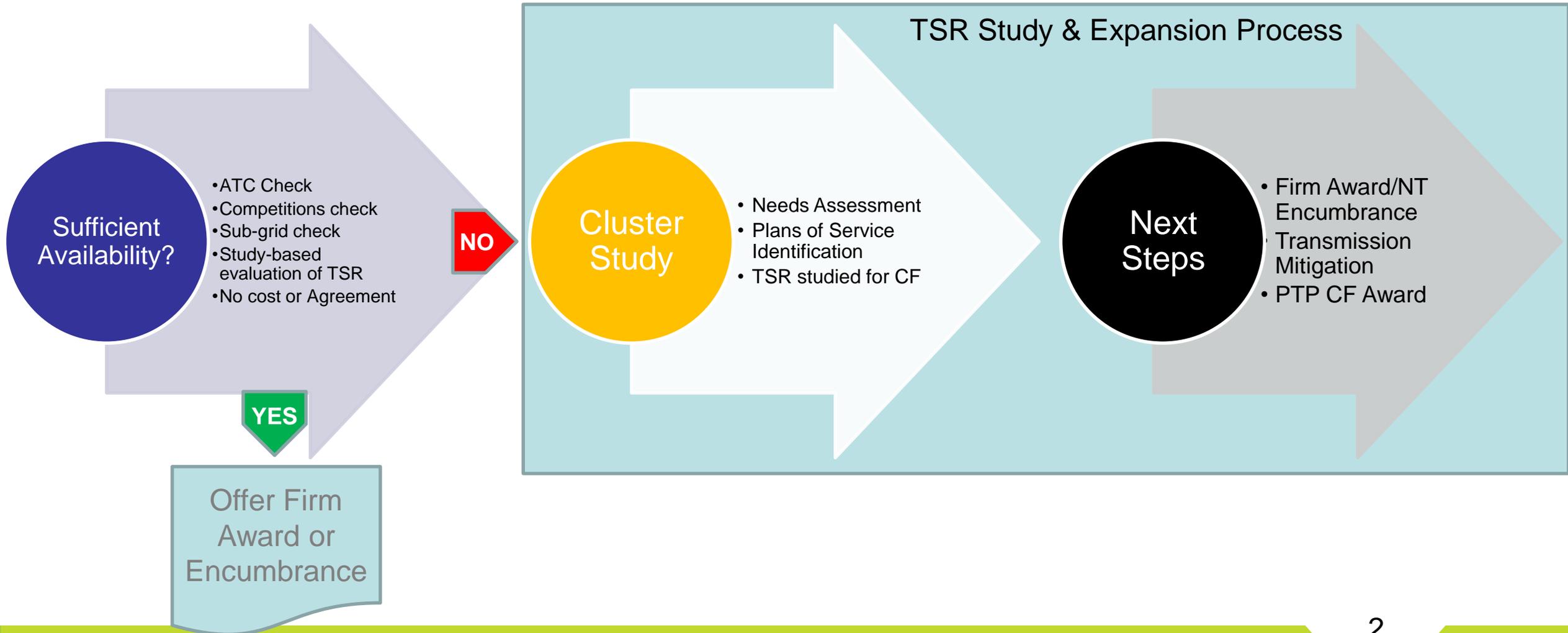


Long Term ATC Metrics Infographics

May 26 2021



BPA Current Process for Evaluating a Long-term PTP TSR or NT Forecast



Long Term ATC Metrics Background

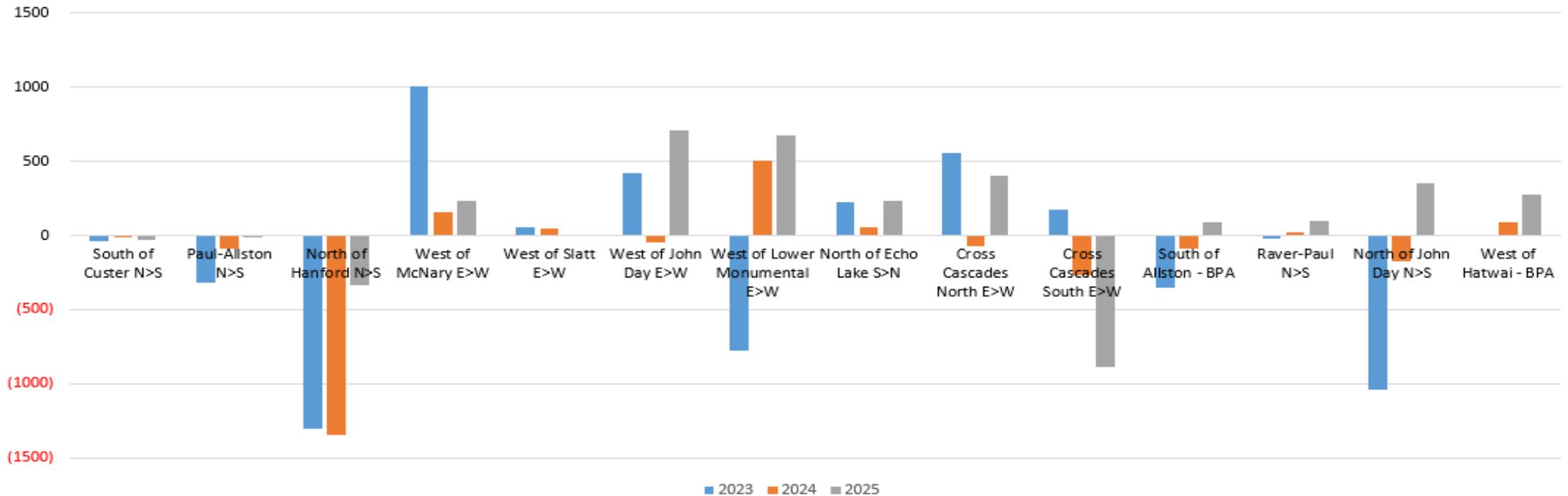
- During the Pro Forma Gap Assessment (PFGA) process, BPA committed to work with customers to develop metrics to determine how well the Long Term ATC is meeting objectives and whether other tools may provide better insight into commercial availability and/or constraints than the currently posted Long Term ATC.
- Staff identified, and held several public workshops over the summer of 2020 to finalize, four metrics.
- Staff has developed infographics, based on the metric data, to allow further evaluation and analysis.

Overview of Metrics

Metric	Name	Description
1	Long Term ATC vs Needs Assessment	<ul style="list-style-type: none"> Compares our posted LT ATC values to the Needs Assessment study results to determine whether or not there is a correlation between posted LT ATC and the Needs Assessment study results.
2	MWs Awarded via Studies	<ul style="list-style-type: none"> TSRs are evaluated based on posted LT ATC inventory. If service can't be awarded from existing capacity, TSR is evaluated via a study-based process and will either be deemed awardable or requiring a transmission system upgrade.
3	What-if vs CTIM	<ul style="list-style-type: none"> Track the number and trends of "what-if" requests submitted by customers to the Reservation Desk along with usage statistics for the Commercial Transmission Inventory Map (CTIM), if available.
4	CF Quality	<ul style="list-style-type: none"> Indicates the measurable quality of BPA's Conditional Firm product on the basis of MWs conditionally curtailed per the Conditional Firm service agreement.

Metric #1- Long Term ATC vs Needs Assessment

Most Limiting Needs Assessment Less LT ATC Values by Year
 (Positive values indicate the Needs Assessment has more availability than the LT ATC)



Objective – Track the magnitude of the difference between the posted LT ATC and Needs Assessment Study results.

Key Takeaway – There does not appear to be a correlation between these two values.

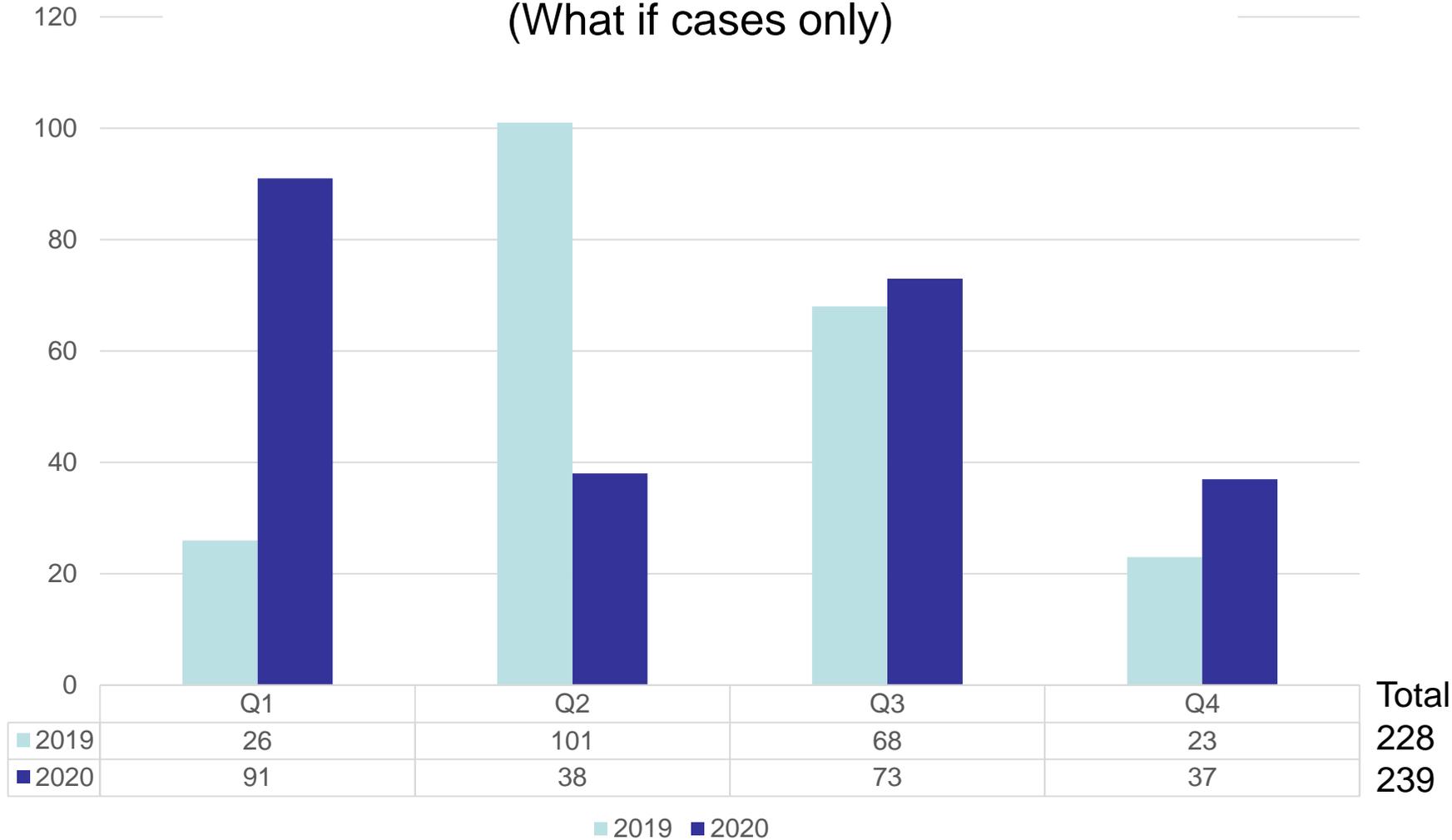
Metric #2 – MWs Awarded via Studies



Objective
 Determine the number of MW's that were not offered via the LT ATC process, but were granted without upgrades being required via study-based process.

Key Takeaway
 The study-based processes have identified more MWs as awardable without an upgrade than the current LT ATC process.

Metric #3 - What-if vs CTIM (What if cases only)



Objective
Track the number of “what if” study requests. A reduction indicates the value of CTIM tool to customers.

Key Takeaway
Currently BPA only has a pre-CTIM historical view of the data. Over time, the data should indicate Needs Assessment inventory adoption by customers.

Metric #4 – Conditional Firm Quality

Priority 6 Curtailments
(2008-2020)
6CF = 0

BPA has not
conditionally curtailed
any CF reservations
since 2008

Why weren't CF reservations curtailed on the BPA network?

1. If short-term firm was available, the CF reservations were firmed-up and could only be curtailed pro rata with Priority 7 firm reservations. Curtailments at Priority 7 do not qualify as conditional curtailment events.
2. CF reservations were redirected to a lower priority non-firm service.
3. Curtailment of lower priority reservations solved the constraint before a Priority 6 CF curtailment was needed.

Objective

Demonstrate that BPA can provide reliable Conditional Firm service with less restrictive conditions.

Key Takeaway

BPA will continue to evaluate how we offer Conditional Firm.

Next Steps: Customer Comments

BPA is seeking customer comments on BPA's interpretation of the ATC Metrics, specifically:

- Metric 1: BPA interprets the data to indicate there is no discernable pattern to the differences between the Needs Assessment results and ATC values, which means there is no clear path to improving the ATC values to bring these into closer alignment with the Needs Assessment results.
 - Do you interpret this data differently? If so, how?
 - Is there additional information that may help inform your opinion? If so, what?
- Metric 2: BPA believes the data indicates the study-based process is superior to the ATC values.
 - Do you agree? If not, why?
- Metric 3: Is there any insight you can provide on your use of the CTIM vs. "What-If" requests?
- Metric 4: Is there additional CFS data to help you interpret the quality of BPA's Conditional Firm service and/or the likelihood of accepting a CFS offer?

Submit comments to techforum@bpa.gov by COB Wednesday, June 9, 2021